



# **NIST Update to the Visiting Committee on Advanced Technology**

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National Institute of Standards and Technology

September 9, 2003

# Meeting Themes

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- Management Changes, Priorities, and Performance
- Program Performance
- Boulder's Unique Capabilities

# Outline for this Update

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- Budget Update
- Management Changes
- Management Priorities for FY 2004
  - Strategy
  - People
  - Overhead
  - Facilities
- Outreach activities

# VCAT Can Help

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- Your help is critical for improving our planning, programs, impact, and positioning with policy makers.

# Budget Update (in millions)

	FY2003	FY 2004		
	Actual	Request	House Mark	Senate Comm. Mark <i>(Tentative, Awaiting full report language)</i>
Labs	\$340.6	\$381.8	\$ 343.8	\$379.8
Baldrige	\$ 5.2	\$ 5.8	\$5.2	\$ 6.2
Construction	\$ 37.6	\$ 69.6	\$ 62.6	\$ 61.1
ATP	\$178.8	\$ 27.0	\$ 0	\$259.6
MEP	\$105.9	\$ 12.6	\$ 39.6	\$106.6
Total	\$668.1	\$496.8	\$451.2	\$813.3

*Excludes Congressional Earmarks and Rounds to the Nearest \$ 0.1 M*

# Management Changes

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- Acting Deputy Director – Hratch Semerjian
  - CIO
  - Financial Services
  - Management Services
  - Facilities
  - Civil Rights Office
  - International and Academic Affairs
- Acting Chief of Staff – Mat Heyman
  - Program Office
  - Congressional and Legislative Affairs
  - Public and Business Affairs

# Management Priorities for FY 2004

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## ■ Strategy

- Improve the long-term strategic management of the entire Institute

## ■ People

- Continuous improvement in developing and managing a high-performing workforce

## ■ Overhead

- Maximize the effectiveness and efficiency of administrative and service functions funded through Institute overhead

## ■ Facilities

- Maximize the use and operational effectiveness of new and existing research and administrative facilities

# Strategy

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- Goals
  - Modify and continue to implement existing strategic plans
  - Maximize long-term growth and impact
- Actions
  - Implementation Framework
  - Strategic Working Groups
  - Outreach



# People

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- Goals
  - Effectively implement competitive sourcing initiatives
  - Enhance staff performance and opportunities for growth
  - Develop long-term human resource strategies

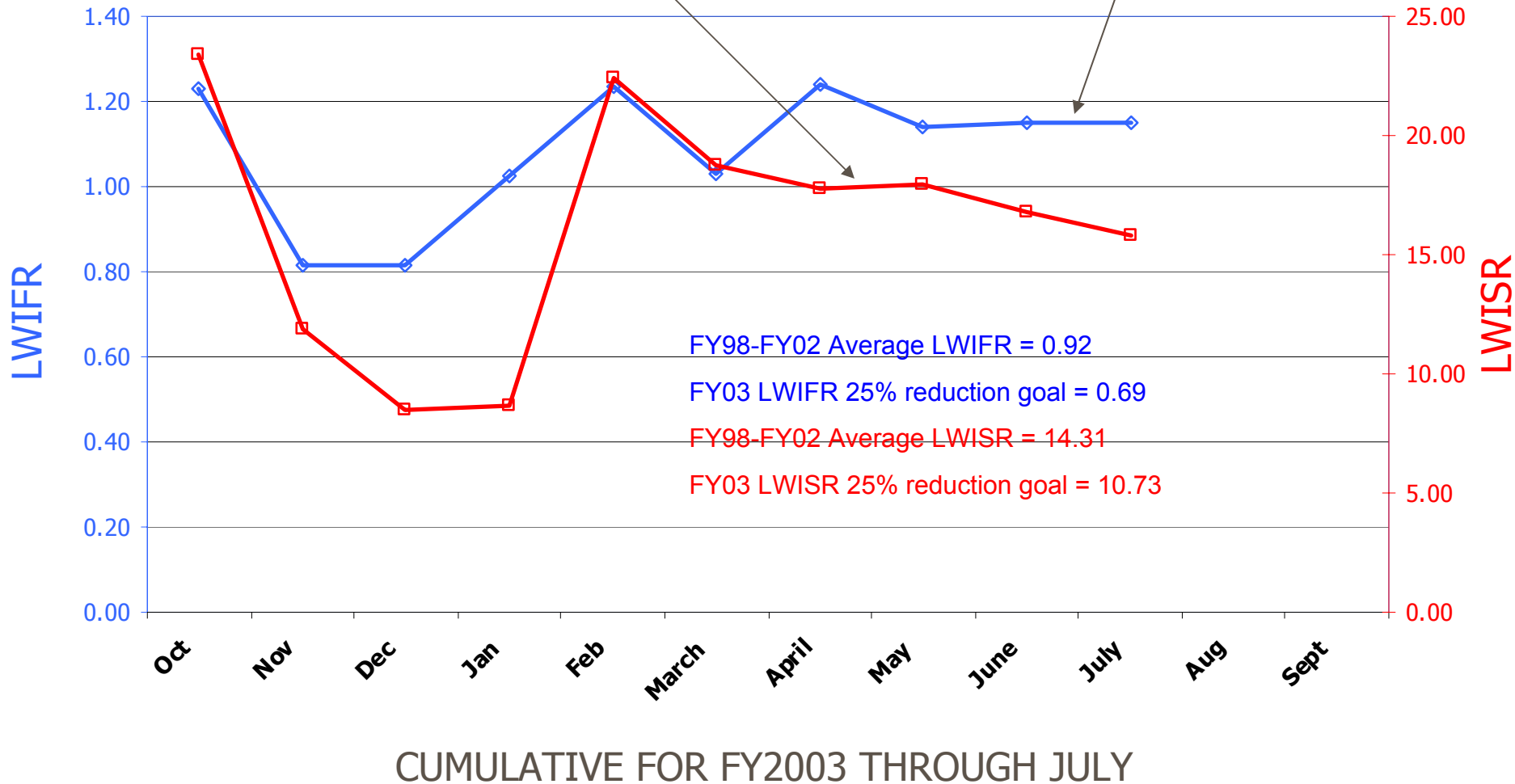
# People - Safety

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- Safety
  - Mandatory safety training
  - Establishment of Safety Implementation Committees in Gaithersburg and Boulder

# People - Safety

## NIST LOST WORK DAY INCIDENT **FREQUENCY RATE (LWIFR)** AND **SEVERITY RATE (LWISR)** PER 100 EMPLOYEES FY2003



# People – Awards

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## Department of Commerce Awards

- Gold and Silver Medals
  - 8 Gold Medals
  - 11 Silver Medals



# People - Awards

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## ASCE – Scanlan Medal

- Dr. Emil Simiu, BFRL, awarded the American Society of Civil Engineers, Robert H. Scanlan Medal for Distinguished Achievement in Engineering Mechanics



**Dr. Emil Simiu**  
Materials and Construction  
Research Div., BFRL

# People - Awards

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## SEMI – Urbanek Award

- Dr. Jack Martinez, EEEL, awarded the Semiconductor Equipment and Materials International Karel Urbanek Memorial Award for Significant Contributions to the Development of Semiconductor Industry Standards



**Dr. Jack Martinez**

Office of Microelectronics Programs  
EEEL

# People - Awards

## Service to America Medal Finalists



Kevin Carr

Director, MEP



Bert Coursey

Ionizing Radiation Div., PL, (on Detail to DHS as Director, Standards, Science and Technology Directorate)

- Partnership for Public Service Award
  - Kevin Carr -- Business and Commerce
  - Bert Coursey -- Environment, Science and Technology

# Overhead

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- Goal

- Effective and efficient Institute overhead functions

- Action

- Reorganization of administrative functions
  - Review and establish policies and management structure for Institute overhead
  - Design overhead management plan, performance goals, and corresponding metrics



# Facilities

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## ■ Goals

- Effective and efficient occupation and operation of the AML
- Revise long-term plans for the renovation and use of all facilities
- Efficient relocation from NIST North

## ■ Actions

- AML transition plan
- Facilities improvement plan

# Outreach

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## Outreach activities continue to be a priority

### MOUs Signed

- University of Maryland
- Department of Homeland Security

### MOUs Under Development

- University of Maryland, Baltimore County
- Maryland Technology Development Corporation
- National Science Foundation
- National Institute of Biomedical Imaging and Bioengineering

### MOUs Under Consideration

- Johns Hopkins University Applied Physics Laboratory

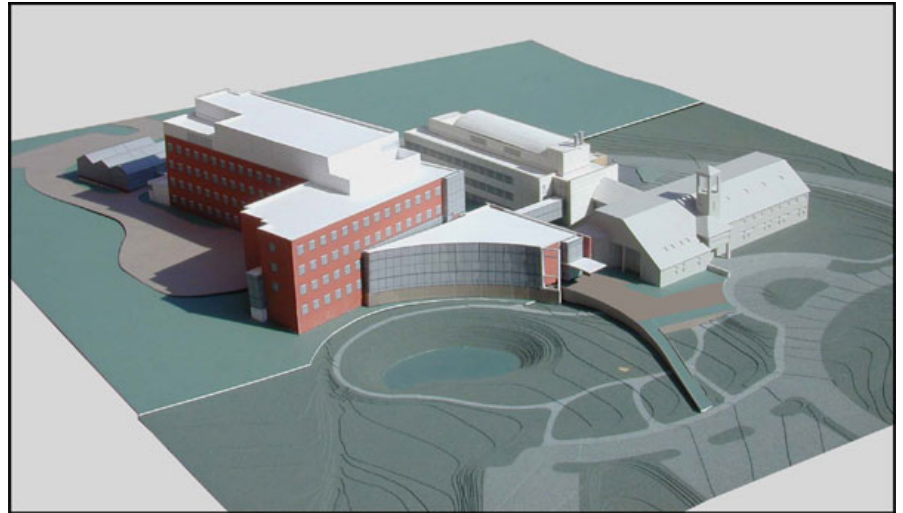
# Outreach (cont.)

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- International Trade Administration
- Dartmouth
- Dow Chemical
- Caterpillar
- Office of Science and Technology Policy
- Office of Management and Budget
- Industrial Research Institute
- Visits to and from Congressional members and staff
- and more...

# Outreach—CARB II

- 80,000 square feet
- occupation by 9/05
- NIST participation in the groundbreaking



**UMBI**

UNIVERSITY OF MARYLAND  
BIOTECHNOLOGY INSTITUTE

# Thank You

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- VCAT
- NRC Board on Assessment
- OMB
- Other Stakeholders

For providing valuable input to  
guide positive change at NIST